

T.G. MILLER, P.C.

ENGINEERS AND SURVEYORS

Preliminary Opinion of Probable Construction Cost

1 - Town of Dryden Water Infrastructure Improvements

4/24/2020

Upsize Water Main (West of Game Farm Rd.)

Apple Orchard PRV (Valve F0720M) to Game Farm Rd. (Valve F0928S)

Item Description	Quantity	Unit	Unit Cost	Sub Total
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General Requirements

Mobilization	1	LS	\$10,000	\$10,000
Maintenance and Protection of Traffic	1	LS	\$2,500	\$2,500

Water Distribution System

12" CL 52 DIP 4.5' Cover (Remove old 8" DIP, hyd and fittings)	2,680	LF	\$170	\$455,600
Hydrant Assembly and Guard Valve on New Main	3	EA	\$6,000	\$18,000
12" Valve and Box	6	EA	\$8,000	\$48,000
Connection to Existing Main	2	EA	\$8,000	\$16,000
Service Reconnections 8"	4	EA	\$5,000	\$20,000
Service Reconnections 2"	1	EA	\$1,500	\$1,500
Temporary 4" Water Main	1	LS	\$25,000	\$25,000
Testing and Chlorination	2,680	LF	\$2	\$5,360

Site Improvements and Restoration

Lawn Restoration	1671	SY	\$10	\$16,713
Asphalt Repair	115	SY	\$110	\$12,687

Construction Total			\$631,360
Professional Services (survey, engineering, attorney, const. admin.)	15%		\$94,704
Construction Contingency	25%		\$157,840
Estimated Total Construction Cost			\$883,904

Preliminary Opinion of Probable Construction Cost

2 - Town of Dryden Water Infrastructure Improvements

4/24/2020

Upsize Water Main (East of Game Farm Rd.)

Game Farm Rd. (Valve F0928S) to Forest Home Dr. (Valve F0910M)

Item Description	Quantity	Unit	Unit Cost	Sub Total
General Requirements				
Mobilization	1	LS	\$10,000	\$10,000
Maintenance and Protection of Traffic	1	LS	\$2,500	\$2,500

Water Distribution System

12" CL 52 DIP 4.5' Cover (Remove old 8" DIP, hyd and fittings)	1,575	LF	\$170	\$267,750
Hydrant Assembly and Guard Valve on New Main	3	EA	\$6,000	\$18,000
12" Valve and Box	8	EA	\$8,000	\$64,000
Connection to Existing Main	2	EA	\$8,000	\$16,000
Service Reconnections 6"	2	EA	\$5,000	\$10,000
Service Reconnections 2"	2	EA	\$1,500	\$3,000
Service Reconnections 1"	5	EA	\$1,200	\$6,000
Temporary 4" Water Main	1	LS	\$25,000	\$25,000
Testing and Chlorination	1,575	LF	\$2	\$3,150

Site Improvements and Restoration

Lawn Restoration	1700	SY	\$10	\$17,000
Asphalt Repair	50	SY	\$110	\$5,500

Construction Total			\$447,900
Professional Services (survey, engineering, attorney, const. admin.)	15%		\$67,185
Construction Contingency	25%		\$111,975
Estimated Total Construction Cost			\$627,060

Preliminary Opinion of Probable Construction Cost

3 - Town of Dryden Water Infrastructure Improvements

4/24/2020

Upsize Water Main (Varna Hamlet)

Forest Home Dr. (Valve F0910M) To Monkey Run Pump Station (Valve F0970M)

Item Description	Quantity	Unit	Unit Cost	Sub Total
General Requirements				
Mobilization	1	LS	\$10,000	\$10,000
Maintenance and Protection of Traffic	1	LS	\$8,000	\$8,000

Water Distribution System

12" CL 52 DIP 4.5' Cover (Remove old 8" DIP, hyd and fittings)	4,040	LF	\$170	\$686,800
Hydrant Assembly and Guard Valve on New Main	6	EA	\$5,500	\$33,000
Connection to Existing Main	4	EA	\$8,000	\$32,000
Service Reconnections 6"	1	EA	\$4,000	\$4,000
Service Reconnections 1"	37	EA	\$1,200	\$44,400
Temporary 4" Water Main	1	LS	\$150,000	\$150,000
Testing and Chlorination	4,040	LF	\$2	\$8,080
Boring under Rte. 366	1	LS	\$25,000	\$25,000

Site Improvements and Restoration

Lawn Restoration	4,500	SY	\$10	\$45,000
Asphalt Repair	300	SY	\$110	\$33,000

Construction Total			\$1,079,280
Professional Services (survey, engineering, attorney, const. admin.)		15%	\$161,892
Construction Contingency		25%	\$269,820
Estimated Total Construction Cost			\$1,510,992

Preliminary Opinion of Probable Construction Cost

Town of Dryden - Water Infrastructure Improvement Summary

4/24/2020

#	Project Description	Project Cost
1	Upsize Water Main (West of Game Farm Rd.)	\$883,904
	Apple Orchard PRV (Valve F0720M) to Game Farm Rd. (Valve	
2	Upsize Water Main (East of Game Farm Rd.)	\$627,060
	Game Farm Rd. (Valve F0928S) to Forest Home Dr. (Valve F0910M	
3	Upsize Water Main (Varna Hamlet)	\$1,510,992
	Forest Home Dr. (Valve F0910M) To Monkey Run Pump Station (Valve F0970M)	

Total \$3,021,956

Note: Each estimate assumes a 15% professional services fee and 25% construction contingency.